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On-line Energy Training Videos now on DVD  
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## QUESTIONS and ANSWERS



### RESIDENTIAL

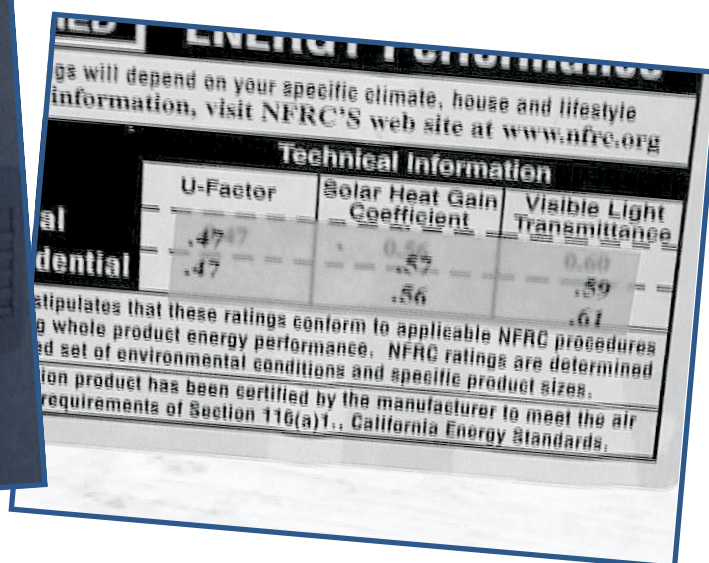
Q

**What are the penalties for altering a National Fenestration Rating Council (NFRC) label?**

A

Altering an NFRC label is strictly prohibited and can result in revocation of a fenestration manufacturer's licensing and labeling agreement with the NFRC if the label was altered by the manufacturer or its agent. In addition, a fine of up to \$2,000 may be levied against the manufacturer for each label found to be altered. Tampering is an issue in the field, because in some cases NFRC labels have been altered on site. In one case a white sticky typewritten label was patched onto the NFRC label (see photos) and in another case, the added sticky label was lettered by hand with a marker. Field tampering or alteration by a vendor or contractor can result in action and possible serious sanctions under the California Business and Professions Code Sections 17200, et seq. (Unfair Competition), and 17500, et seq. (Fraud and Misleading Facts). Fenestration labeling is addressed in the Standards in Sections 10-111 and 116(a)2.A.

*Some examples of unauthorized alterations. The name of the manufacturer on the left has been removed.*



...continued on page 2

## The Energy Commission's ENERGY HOTLINE

### QUESTIONS and ANSWERS

CONTINUED FROM PAGE 1



**Q** When I make an alteration to my building, do I have to comply with the energy code?

**A** Yes, if a permit is required by the building department and the type of alteration made is covered by the energy code. See Section 152(b) of the *Energy Efficiency Standards for Residential and Nonresidential Buildings*.

### NONRESIDENTIAL

**Q** What is the enforcement agency for State buildings? Do the Energy Efficiency Standards requirements apply?

**A** The enforcement agency for State buildings is the Real Estate Division, Professional Services Branch, Construction Services part of the Department of General Services (DGS). State buildings must comply with all Parts of Title 24, including Part 6, the energy code.

Plans and specifications must be submitted to DGS. The local jurisdiction does not get involved. A State professional engineer must sign off or stamp the documents to indicate compliance with the energy code.



**F**ive students and four professional staff members operate our Energy Hotline. They research and answer questions regarding Title 24 energy efficiency issues.

Most of our callers are building officials, energy consultants and engineers. We also help some home owners with questions about their energy forms for home additions.

About half the calls to the Hotline are residential questions, while the other calls concern nonresidential and other issues. We get inquiries about appliances and insulation requirements, as well as heating, ventilation and air conditioning (HVAC) issues.

Many of the questions the Hotline staff answer are published in the "Blueprint." We encourage you to participate by calling or submitting written questions, information or photographs for inclusion in future issues. Our goal is to serve your needs.

Please contact the Hotline with comments or questions regarding the energy efficiency standards.

The Hotline hours are from 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 4:30 p.m. Monday through Friday, except on holidays. For any questions or additional information relating to the Standards contact the Energy Hotline at (800) 772-3300.

## A NOTE ON THE CURRENT ENERGY CODE

W

ith all the talk about the 2005 energy code changes, it's easy to forget that the current 2001 energy code is effective until the new 2005 Standards go into effect.

The current code is the **2001 Energy Efficiency Standards for Residential and Nonresidential Buildings** and was adopted as emergency legislation under Assembly Bill 970 following an electricity crisis in California. If you're working from an older code, the 2001 Standards are available free in hard copy and in electronic versions as follows:

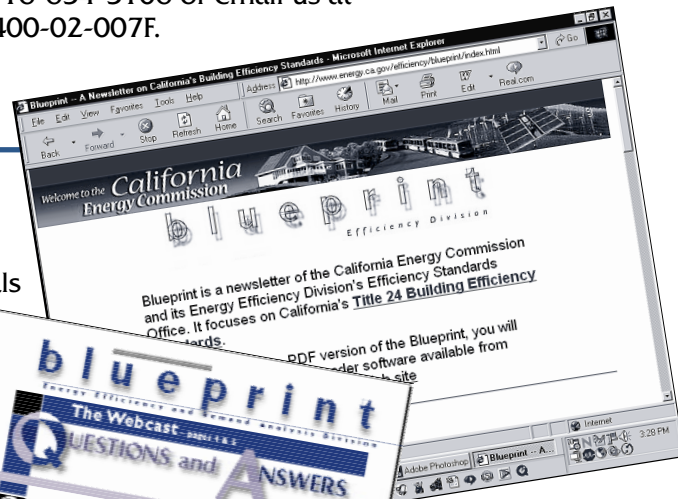
For hard-copy versions, please call the Energy Standards Hotline toll-free from inside California at 800-772-3300 or 916-654-5106 and ask for Publication #P400-01-022.

On the Internet, visit [www.energy.ca.gov/title24/standards](http://www.energy.ca.gov/title24/standards) and download the standards in pdf format;

For a CD-ROM, call the Hotline at 800-772-3300 or 916-654-5106 or email us at [title24@energy.state.ca.us](mailto:title24@energy.state.ca.us) and ask for Publication #P400-02-007F.

Thank you for using energy efficiently.

You can also order copies of the Residential and Nonresidential Manuals. These publications are available for \$40.00. Building officials and jurisdictions can order complementary copies. To order call the Energy Commission Hotline: 1-800-772-3300 and ask for publication #P400-01-023 for the Nonresidential Manual and publication #P400-01-022 for the Residential Manual.



The Blueprint is available online. An Index to Blueprint Issues 1 through 69, as well as current and past issues of the Blueprint are available online in pdf format at: <http://www.energy.ca.gov/efficiency/blueprint/index.html>



## TRAINING

## Class Schedule for Southern California Edison and San Diego Gas &amp; Electric:

**SOUTHERN CALIFORNIA EDISON**

Date and Time	Seminar Location	Description	Registration Contact
Thursday, September 25, 2003	Irvine Operations Center 23 Parker Street Irvine, CA 92718	2005 Standards Introduction	phone: (626) 812-7537 or (800) 336-2822
Thursday, September 25, 2003	CTAC 6090 N. Irwindale Ave. Irwindale, CA 91702	2005 Standards Introduction	Course Registration: 626-812-7537 <a href="http://www.sce.com/ctac">www.sce.com/ctac</a>

**SAN DIEGO GAS & ELECTRIC**

Date and Time	Seminar Location	Description	Registration Contact
Tuesday, September 9, 2003 8:30 am - 4:40 pm	National University Room 124 9388 Lightwave Avenue San Diego, CA 92123 (858) 541-7700	Non-Res High-performance design strategies for lighting and building envelopes with EnergyPro	Call Virginia (Ginny) Vaplon at (858) 636-5726 Or E-mail: <a href="mailto:vvaplon@semprautilities.com">vvaplon@semprautilities.com</a>
Wednesday, September 10, 2003 8:30 am - 12:00 pm	National University Room 124 9388 Lightwave Avenue San Diego, CA 92123 (858) 541-7700	Non-Res Advanced Building Modeling with EnergyPro	Call Virginia (Ginny) Vaplon at (858) 636-5726 Or E-mail: <a href="mailto:vvaplon@semprautilities.com">vvaplon@semprautilities.com</a>
Thursday, September 11, 2003 8:30 am - 12:00 pm	National University Room 124 9388 Lightwave Avenue San Diego, CA 92123 (858) 541-7700	Non-Res Mechanical System design strategies with EnergyPro	Call Virginia (Ginny) Vaplon at (858) 636-5726 Or E-mail: <a href="mailto:vvaplon@semprautilities.com">vvaplon@semprautilities.com</a>
Thursday, October 2, 2003 9:00 am - 3:00 pm	National University Room 123 9388 Lightwave Avenue San Diego, CA 92123 (858) 541-7700	Preview of 2005 Title 24 Standards	Call Virginia (Ginny) Vaplon at (858) 636-5726 Or E-mail: <a href="mailto:vvaplon@semprautilities.com">vvaplon@semprautilities.com</a>

## CONTACT INFORMATION FOR OTHER ENERGY RELATED GROUPS:

**THE BUILDING INDUSTRY INSTITUTE (BII)**

[www.thebii.org](http://www.thebii.org)  
1215 K Street, Suite 1200  
Sacramento, CA 95814  
(916) 443-7933

*The Institute was founded by the California Building Industry Association (CBIA) to develop, implement and administer research and educational programs for homebuilders, developers, and the general public.*

**CABEC****California Association of Building Energy Consultants**

[www.cabec.org](http://www.cabec.org)  
P.O. Box 892975, Temecula, CA 92589-2975  
1-866-360-4002

A nonprofit organization, CABEC members include energy consultants, architects, and engineers actively participating in compliance work with the California Building Energy Efficiency standards, Title 24.

**CALBO (California Building Officials)**

[www.calbo.org](http://www.calbo.org)  
2215 21st Street.

Sacramento, CA. 95818  
(916) 457-1103  
FAX: (916) 456-7672

A nonprofit organization dedicated to promoting public health and safety in building construction.

**CALIFORNIA BUILDING INDUSTRY ASSOCIATION (CBIA)**

[www.cbia.org](http://www.cbia.org)  
1215 K Street, Suite 1200  
Sacramento, CA 95814  
Phone: (916) 443-7933  
Fax: (916) 443-1960

*A statewide trade association representing nearly 6,000 businesses – homebuilders, remodelers, subcontractors, architects, engineers, designers, and other industry professionals.*

**CALIFORNIA BUREAU OF HOME FURNISHINGS AND THERMAL INSULATION (BHFTI)**

[www.bhfti.ca.gov](http://www.bhfti.ca.gov)  
3485 Orange Grove Avenue  
North Highlands, CA 95660  
(916) 574-2041

# OPPORTUNITIES

## Class Schedule for Southern California Gas & Electric:

SOUTHERN CALIFORNIA GAS COMPANY			
Date and Time	Seminar Location	Description	Registration Contact
Monday, September 8, 2003	National University 16875 West Bernardo Dr. Rancho Bernardo, CA	EnergyPro Residential	Call 800-427-6584 Or E-mail: <a href="mailto:erc@socalgas.com">erc@socalgas.com</a>
Wednesday, October 1, 2003	National University Kearny Mesa Learning Center 3580 Aero Ct. San Diego, CA	EnergyPro Residential	Call 800-427-6584 Or E-mail: <a href="mailto:erc@socalgas.com">erc@socalgas.com</a>
Friday, November 7, 2003	Energy Resource Center 9240 Firestone Blvd. Downey, CA 90241	EnergyPro Residential	Call 800-427-6584 Or E-mail: <a href="mailto:erc@socalgas.com">erc@socalgas.com</a>

## Title 24 Builder Energy Code Training

Learn about compliance for residential buildings with the latest energy codes. This free training is sponsored by the California Energy Commission and the Department of Energy (DOE). Training is provided by the Building Industry Institute (BII) and taught by Consol.

Date:	Location:
July 16-18	Riverside
July 23-25	San Diego2
August 6-8	Las Vegas
August 20-22	Sacramento
August 27-29	Orange County

For more information and registration, please call Consol at (209) 473-5000

Licensing: (916) 574-0280

fax: (916) 574-2043

E-mail: [contactbhfti@dca.ca.gov](mailto:contactbhfti@dca.ca.gov)

The Bureau regulates upholstered furniture and bedding products sold in California to make sure they meet health, fire safety, and labeling standards.

## CHEERS

(California Home Energy Efficiency Rating System, Inc.)

[www.cheers.org](http://www.cheers.org)

9400 Topanga Canyon Boulevard

Suite 220

Chatsworth, CA 91311

(800) 4-CHEERS (1-800-424-3377)

fax: (818) 407-1188

E-mail: [info@cheers.org](mailto:info@cheers.org)

A California Statewide non-profit organization dedicated to promoting energy efficiency. CHEERS was created to provide a simple, accurate and reliable method of measuring the existing energy efficiency of a home, estimate its annual energy costs and provide a list of energy saving recommendations for improvements.

## NATIONAL FENESTRATION RATING COUNCIL (NFRC)

[www.nfrc.org](http://www.nfrc.org)

8484 Georgia Avenue, Suite 320

Silver Spring, Maryland 20910

(301) 589-1776 extension 204

E-mail: [info@nfrc.org](mailto:info@nfrc.org)

Its mission is to establish a fair, accurate, and credible national energy rating system for fenestration products and to ensure that the rating system is uniformly employed.

## THE COOL ROOF RATING COUNCIL (CRRC)

[www.coolroofs.org](http://www.coolroofs.org)

1738 Excelsior Avenue

Oakland, CA 94602

Tel: (866) 465-2523 (toll free)

Fax: (510) 482-4421

E-mail: [info@coolroofs.org](mailto:info@coolroofs.org)

An independent and non-biased organization that has established a system for providing accurate radiative property data on roof surfaces that may improve the energy efficiency of buildings.

Gray Davis  
Governor

Mary D. Nichols  
Secretary for Resources



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1516 Ninth Street, MS-25  
Sacramento, CA 95814-5512  
(916) 654-4064

Beverly Duffy  
Editor

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[www.energy.ca.gov/  
efficiency](http://www.energy.ca.gov/efficiency)

**Hotline**

(800) 772-3300  
(916) 654-5106

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The New URL for Online Training Videos is: [www.energyvideos.com](http://www.energyvideos.com)

The 96 videos from the Online Training series are now available in limited supply in a two DVD set. These publications are available for \$12.95. Building officials and jurisdictions can order complementary copies. To order call the Energy Commission Hotline: 1-800-772-3300 and ask for publication # 400-03-010S1.

For any questions or additional information  
relating to the Standards contact the  
Energy Hotline at (800) 772-3300.

